

In the Claims:

Cancel claims 73 and 74, without estoppel or disclaimer of the subject matter thereof, and amend claims 43, 53, 62, 63, 72, 75 and 77 as follows:

1-42 (Cancelled)

43. (Currently Amended) A method of generating images for demonstrating the effects of illness/treatment on a living body, the method including generating an image sequence, the image sequence including a number of simulated images generated based on a wire frame model of a living body, the image sequence showing at least one of:

- a) The progressive effect of an illness by showing at least:
  - i) A healthy living body;
  - ii) A living body effected by the illness; and,
  - iii) One or more intermediate images in which the living body is partially effected by the illness; and,
- b) The progressive effect of a treatment by showing at least:
  - i) A living body effected by an illness;
  - ii) A treated living body; and,
  - iii) One or more intermediate images in which the living body is partially effected by the treatment.

44. (Previously Presented) A method according to claim 43, the method of generating the images including:

- a) Obtaining a brief outlining the images required to show the effects of an illness/treatment;
- b) Generating a storyboard outlining each of the images to be used to represent the effects of an illness/treatment;
- c) Having the storyboard reviewed by medically qualified personnel;
- d) Generating the images outlined in the storyboard, the images being generated based on a wire frame model of a living body; and,
- e) Storing the images as image data, the image data being representative of the images subsequent display.

45. (Previously Presented) A method according to claim 44 the brief being generated by a medical advisory board, and the storyboard being reviewed by a medical advisory board.

46. (Previously Presented) A method according to claim 44 the brief defining the animation and content required to define the effects of the illness/treatment on the living body.

47. (Previously Presented) A method according to claim 44 the storyboard detailing the content, look and feel and movement required to show the effects of an illness/treatment in the generated images.

48. (Previously Presented) A method according to claim 44 the generated images being reviewed by a medical advisory board.

49. (Previously Presented) A method according to claim 44 the method of generating images including using wire frame models and a number of body surfaces, the method including, for each image:

a) Selecting a wire frame model and a surface in accordance with the defined storyboard; and,

b) Storing the images as image data.

50. (Previously Presented) A method according to claim 43, the images being three-dimensional, and being viewable from any selected direction, angle, cross-section or other view point.

51. (Previously Presented) A method according to claim 43, the method further including providing audio and/or text messages associated with the images.

52. (Previously Presented) A method according to claim 43, the treatments including drug treatments, surgical treatments and other treatments associated with said disease, the images showing at least one of:

a) The effects of particular drugs;

b) The results of medical research findings; and,

c) The procedure of surgery.

53. (Currently Amended) A method of demonstrating the effects of illnesses and treatments on a living being using a suitably programmed processing system, the processing system including a store, an input, a display and a suitably programmed processor, the method including causing the processor to:

- a) Cause the display to display a list of body systems;
- b) Select one of the body systems in response to an input command;
- c) Receive an input command selecting an illness/treatment;
- d) Select an image sequence from image data stored in the store, each image sequence including a number of simulated images generated based on a wire frame model of a living body, each image sequence showing the progressive effects of a respective illness or treatment; and,
- e) Display the selected image sequence, the selected image sequence showing the progressive effect of the selected illness/treatment.

54. (Previously Presented) A method according to claim 53, wherein the image sequence showing the effects of at least one of:

- a) An illness by showing at least:
  - i) A healthy living body;
  - ii) A living body effected by the illness; and,
  - iii) One or more intermediate images in which the living body is partially effected by the illness; and,

- b) A treatment by showing at least:
  - i) A living body effected by an illness;
  - ii) A treated living body; and,
  - iii) One or more intermediate images in which the living body is partially effected by the treatment.

55. (Previously Presented) A method according to claim 53, the list of body systems, including (but not limited to) gastrointestinal, endocrine, genitourinary, respiratory, sensory and skin systems.

56. (Previously Presented) A method according to claim 53, the method further including causing the processor to:

- a) Cause the display to display a list of illnesses/treatments;
- b) Select one of the illnesses/treatments in response to an input command; and,
- c) Cause the display to display an image sequence showing the effect of the selected illness/treatment on a living body.

57. (Previously Presented) A method according to claim 56, the treatments including drug treatments, surgical treatments and other treatments associated with said disease, the images showing at least one of:

- a) The effects of particular drugs;
- b) The results of medical research findings; and,

c) The procedure of surgery.

58. (Previously Presented) A method according to claim 53, the apparatus being coupled via a communications system to a database, the method further including causing the processor to obtain information from the database.

59. (Previously Presented) A method according to claim 53, the method further including providing audio and/or text messages associated with the images.

60. (Previously Presented) A method according to claim 53, the images being three-dimensional, and being viewable from any selected direction, angle, cross-section or other view point.

61. (Previously Presented) A method according to claim 53, the images being displayed to a patient to allow a medical practitioner to demonstrate the effect of illness/treatment on the living body.

62. (Currently Amended) A method according to claim 53, the image data being generated ~~in accordance with the method of claim 43~~ includes generating an image sequence, the image sequence including a number of simulated images generated based on a wire frame model of a living body, the image sequence showing at least one of:

a) The progressive effect of an illness by showing at least:

i) A healthy living body;

ii) A living body effected by the illness; and,

iii) One or more intermediate images in which the living body is partially effected by the illness; and,

b) The progressive effect of a treatment by showing at least:

i) A living body effected by an illness;

ii) A treated living body; and,

iii) One or more intermediate images in which the living body is partially effected by the treatment.

63. (Currently Amended) A method of demonstrating the effects of illnesses and treatments on a living being using a suitably programmed processing system, the processing system including a store, an input, a display and a suitably programmed processor, the method including causing the processor to:

a) Receive an input command selecting an illness/treatment;

b) Select an image sequence from image data stored in the store, each image sequence including a number of simulated images generated based on a wire frame model of a living body, the image sequence showing at least one of:

i) The progressive effects of an illness by showing:

(1) A healthy living body;

(2) A living body effected by the illness; and,

(3) One or more intermediate images in which the living body is partially effected by the illness; or,

ii) The progressive effects of a treatment by showing:

- (1) A living body effected by an illness;
- (2) A treated living body; and,
- (3) One or more intermediate images in which the living

body is partially effected by the treatment; and,

c) Display the selected image sequence, the selected image sequence showing the effect of the selected illness/treatment.

64. (Previously Presented) A method according to claim 63, the method further including:

- a) Cause the display to display a list of body systems to the user; and,
- b) Select one of the body systems in response to input commands from the user.

65. (Previously Presented) A method according to claim 64, the list of body systems, including (but not limited to) gastrointestinal, endocrine, genitourinary, respiratory, sensory and skin systems.

66. (Previously Presented) A method according to claim 63, the method further including causing the processor to:

- a) Cause the display to display a list of illnesses/treatments;
- b) Select one of the illnesses/treatments in response to an input command; and,



c) Cause the display to display an image sequence showing the effect of the selected illness/treatment on a living body.

67. (Previously Presented) A method according to claim 66, the treatments including drug treatments, surgical treatments and other treatments associated with said disease, the images showing at least one of:

- a) The effects of particular drugs;
- b) The results of medical research findings; and,
- c) The procedure of surgery.

68. (Previously Presented) A method according to claim 63, the apparatus being coupled via a communications system to a database, the method further including causing the processor to obtain information from the database.

69. (Previously Presented) A method according to claim 63, the method further including providing audio and/or text messages associated with the images.

70. (Previously Presented) A method according to claim 63, the images being three-dimensional, and being viewable from any selected direction, angle, cross-section or other view point.

71. (Previously Presented) A method according to claim 63, the images being displayed to a patient to allow a medical practitioner to demonstrate the effect of illness/treatment on the living body.

72. (Currently Amended) A method according to claim 63, the image data being generated ~~in accordance with the method of claim 43~~ includes generating an image sequence, the image sequence including a number of simulated images generated based on a wire frame model of a living body, the image sequence showing at least one of:

- a) The progressive effect of an illness by showing at least:
  - i) A healthy living body;
  - ii) A living body effected by the illness; and,
  - iii) One or more intermediate images in which the living body is partially effected by the illness; and,
- b) The progressive effect of a treatment by showing at least:
  - i) A living body effected by an illness;
  - ii) A treated living body; and,
  - iii) One or more intermediate images in which the living body is partially effected by the treatment.

73.-74. (Cancelled)

75. (Currently Amended) A processing system for demonstrating the effects of illness/treatment on a living body, the processing system including:

- a) A store for storing image data;
- b) An input for receiving commands from a user;

- c) A display; and,
- d) A processor, the processor being adapted to:
  - i) Cause the display to display a list of body systems;
  - ii) Select one of the body systems in response to an input command;
  - iii) Receive an input command selecting an illness/treatment;
  - iv) Select an image sequence from the simulated image data stored in the store, each image sequence including a number of images generated based on a wire frame model of a living body, each image sequence showing the effects of a respective illness or treatment; and,
  - v) Display the selected image sequence, the selected image sequence showing the progressive effect of the selected illness/treatment.

76. (Previously Presented) A processing system according to claim 75, the image sequence showing the effects of at least one of:

- a) An illness by showing at least:
  - i) A healthy living body;
  - ii) A living body effected by the illness; and,
  - iii) One or more intermediate images in which the living body is partially effected by the illness; and,
- b) A treatment by showing at least:

- i) A living body effected by an illness;
- ii) A treated living body; and,
- iii) One or more intermediate images in which the living body is partially effected by the treatment.

77. (Currently Amended) A processing system for demonstrating the effects of illness/treatment on a living body, the processing system including:

- a) A store for storing image data;
- b) An input for receiving commands from a user;
- c) A display; and,
- d) A processor, the processor being adapted to:
  - i) Receive an input command selecting an illness/treatment;
  - ii) Select an image sequence from the image data stored in the store, each image sequence including a number of simulated images generated based on a wire frame model of a living body, the image sequence showing at least one of:

- (1) The progressive effects of an illness by showing:
  - (a) A healthy living body;
  - (b) A living body effected by the illness; and,
  - (c) One or more intermediate images in which the living body is partially effected by the illness; or,

(2) The progressive effects of a treatment by showing:

- (a) A living body effected by an illness;
- (b) A treated living body; and,
- (c) One or more intermediate images in which the

living body is partially effected by the treatment; and,

iii) Display the selected image sequence, the selected image sequence showing the effect of the selected illness/treatment.

78. (Previously Presented) A processing system according to claim 77, the processor being further adapted to:

- a) Cause the display to display a list of body systems to the user; and,
- b) Select one of the body systems in response to input commands from the user.

79. (Previously Presented) A processing system according to claim 75, the image data being generated in accordance with the method of claim 43.

80. (Previously Presented) A processing system according to claim 77, the image data being generated in accordance with the method of claim 43.

81. (Previously Presented) A processing system according to claim 75, the processing system being adapted to perform the method of claim 53.

82. (Previously Presented) A processing system according to claim 75, the processing system being adapted to perform the method of claim 63.

83. (Previously Presented) A processing system according to claim 77,  
the processing system being adapted to perform the method of claim 53.

84. (Previously Presented) A processing system according to claim 77,  
the processing system being adapted to perform the method of claim 63.